

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Att. Docket No <b>85679RLO</b> Customer No. 01333	Serial No. <i>To be assigned</i> <b>10/771 885</b>			
<p>If AFTER the later date of the first Office Action or 6 months from filing, use only with Rule 97(E) Certificate or see</p> <p>NOV 02 2004</p> <p><b>LIST OF ART CITED BY APPLICANT</b> (Use several sheets if necessary)</p>		Applicant: <b>Yuan-Sheng Tyan, et al</b>				
		Filing Date <b>17 January 2003</b>	Group <b>2/4/04 2879</b>			
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NKW	4,720,432	1/19/88	VanSlyke et al.	428	457	
NKW	4,769,292	9/6/88	Tang et al.	428	690	
NKW	5,608,287	3/4/97	Hung et al.	313	503	
NKW	5,776,622	7/7/98	Hung et al.	428	690	
NKW	5,780,174	7/14/98	Tokito et al.	428	690	
NKW	6,137,223	10/24/00	Hung et al.	313	506	
NKW	6,140,763	10/31/00	Hung et al. -	313	503	
NKW	6,208,075	3/27/01	Hung et al.	313	504	
NKW	6,326,224	12/4/01	Xu et al.	438	29	
NKW	6,406,801	6/18/02	Tokito et al.	428	690	
NKW	5,776,623	7/7/98	Hung et al.	428	690	
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
NKW	EP 0 891 121	1/13/99	EP			X
NKW	EP 1 029 909	8/23/00	EP			X
NKW	EP 1 154 676	11/14/01	EP			X
NKW	JP 11-288786	19/19/99	Japan			X
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
*	Handbook of Optical Constants of Solids II, edited by Edward D. Palik, Institute of Physical Sciences and Technology, University of Maryland					
*	CRC Handbook of Chemistry and Physics, a Ready-Reference Book of Chemical and Physical Data, edited by David R. Lide, Ph.D., 83 <sup>rd</sup> Edition, 2002-2003					
*	Handbook of Optical Constants of Solids, edited by Edward D. Palik, Naval Research Laboratory, Washington, D.C.					
*	"High-efficiency top-emitting organic light-emitting devices", by M.-H. Lu, et al., Applied Physics Letters, Volume 81, Number 21, November 18, 2002, pages 3921-3923					
*	"Electroluminescence of doped organic thin films", by C. W. Tang et al., J. Appl. Physics 65 (9), May 1, 1989, pages 3610-3616					
*	"Radiation from oscillating dipoles embedded in a layered system", by Oakley H. Crawford, J. Chem. Phys. 89 (10), November 5, 1988, pages 6017-6027					
*	"Organic electroluminescent diodes", by C. W. Tang et al., Appl. Physics Letter 51 (12), September 21, 1987, pages 913-915.					
*	Metal oxides as a hole-injecting layer for an organic electroluminescent device", by Shizuo Tokito et al., J. Physics D: Appl. Phys. 29(1996), pages 2750-2752					
*	"Rigorous optical modeling of multilayer organic light-emitting diode devices", by K. B. Kahan, Applied Physics Letters, Volume 78, number 12, March 19, 2001, pages 1649-1651.					

<del>ANW</del>	"Microcavity organic light-emitting diodes on silicon", by Frederique Jean et al., Applied Physics Letters, Volume 81, number 9, August 26, 2002, pages 1717-1719
<del>ANW</del>	"Polymer light-emitting diodes placed in microcavities" by M. Berggren, et al., Synthetic Metals 76 (1996), pages 121-123
<del>ANW</del>	"Efficiency enhancement of microcavity organic light emitting diodes", by R. H. Jordan, et al., Appl. Phys. Letter 69 (14), September 30, 1996, pages 1997-1999
<del>ANW</del>	"Control of emission characteristics in organic thin-film electroluminescent diodes using an optical-microcavity structure", by Noriyuki Takada, et al., Appl. Physics Letter 63 (15), octobe 11, 1993, pages 2032-2034
<del>ANW</del>	"Physics and device applications of optical microcavities", by H. Yokoyama, Science Vol. 256, April 3, 1992, pages 66-70

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DATE CONSIDERED

2128/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* did not receipt

FORM PTO-1449	US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. <b>85679AAJA</b> Customer No. 01333	Serial No. <b>10/771,885</b>
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or 3 months from filing, use only with Rule 97(E)  
Certificate or Fee

## LIST OF ART CITED BY APPLICANT

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Filing Date  
**04 February 2004**Group  
**2879**

## U.S. PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NEW	6737800	05-18-2004	Winters et al	313	504	
NEW	2004/0140757	07-22-2004	Tyan et al	313	504	
NEW	2004/0140758	07-22-2004	Raychaudhuri et al.	313	504	

## FOREIGN PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES   NO

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

NEW	US Serial No. 10/346,424; filed January 17, 2003; titled "Microcavity OLED Devices"; of Yuan-Sheng Tyan et al
NEW	US Serial No. 10/356,271; filed January 31, 2003; titled "Color OLED Display With Improved Emission"; of Yuan-Sheng Tyan et al
NEW	US Serial No. 10/368,513; filed February 18, 2003; titled "Tuned Microcavity Color OLED Display"; of Yuan-Sheng Tyan et al

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